

Converting Colors

YIQ(210.7050, 11.9170, 20.8210)

Have a look what the booklet for
YIQ(210.7050, 11.9170, 20.8210)
contains.

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Color

**YIQ(210.7050, 11.9170,
20.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC2E9
RGB	235, 194, 233
RGB Percent	92%, 76%, 91%
CMY	0.0783, 0.2393, 0.0863
CMYK	0.00, 0.17, 0.01, 0.08
HSL	303°, 51%, 84%
HSV	303°, 17%, 92%
XYZ	68.2678, 62.1268, 85.4876
YIQ	210.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

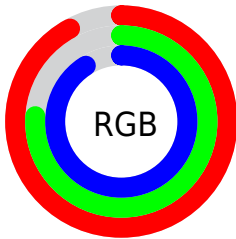
Format	Color
R _Y B	235, 194, 233
Decimal	15450857
CIE Lab	82.98, 21.14, -13.85
CIE LCh	83, 25.270, 326.765
Yxy	62.1268, 0.3162, 0.2878
Android (android.graphics.Color)	4293640937 (0xFFEBC2E9)
YUV	210.7050, 10.9914, 21.3067
Hunter-Lab	78.8206, 16.6657, -9.1306

Details

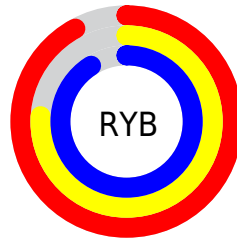
The YIQ color $210.7050, 11.9170, 20.8210$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $218.2950, -11.9170, -20.8210$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $155.8790, 11.3670, 19.7750$ is the 20% darker color. If you saturate the color by 10%, you get $196.5030, 18.8380, 33.0620$, and if you desaturate by 10%, it is $224.3200, 5.2710, 9.1030$.

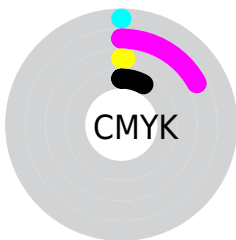
Distribution



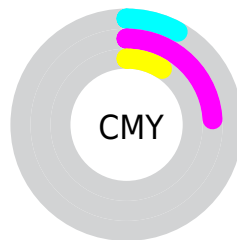
- Red (92%)
- Green (76%)
- Blue (91%)



- Red (92%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7050, 11.9170, 20.8210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 210.7050, 11.9170, 20.8210 by changing the saturation by 10% instead.

210.7050, 11.9170,
20.8210

210.7050, 11.9170,
20.8210

255.0000, -0.0000,
-0.0000

183.2920, 11.6420,
20.2980

252.6520, 1.1000,
2.0920

155.8790, 11.3670,
19.7750

129.5800, 10.7710,
19.5630

104.7540, 10.2210,
18.5170

80.0420, 9.3500,
17.7820

56.6290, 9.0750,
17.2590

34.8030, 8.5250,

16.2130

■ 13.5150, 9.3960,
16.9480

■ 0.4560, -1.2840,
1.2440

■ 210.7050, 11.9170,
20.8210

■ 210.7050, 11.9170,
20.8210

■ 196.5030, 18.8380,
33.0620

■ 224.3200, 5.2710,
9.1030

■ 182.8880, 25.4840,
44.7800

■ 238.5220, -1.6500,
-3.1380

■ 168.6860, 32.4050,
57.0210

■ 246.8540, -5.8210,
-10.1490

■ 154.9570, 39.3720,
68.4280

■ 247.0820, -6.4630,
-9.5270

140.7550, 46.2930,
80.6690

247.1960, -6.7840,
-9.2160

127.1400, 52.9390,
92.3870

247.3100, -7.1050,
-8.9050

112.9380, 59.8600,
104.6280

247.4240, -7.4260,
-8.5940

99.3230, 66.5060,
116.3460

247.5380, -7.7470,
-8.2830

95.6870, 68.4770,
119.1730

247.6520, -8.0680,
-7.9720

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.2660, -11.8320, 16.2000



210.7050, 11.9170, 20.8210



210.8180, 30.5320, 19.3640

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210.7050, 11.9170, 20.8210



205.7470, 28.1530, -9.1190



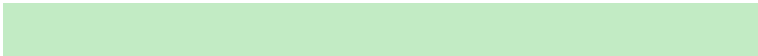
196.8780, -49.9270, -14.7830

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



210.7050, 11.9170, 20.8210



218.2950, -11.9170, -20.8210

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.4310, -35.6670, -19.9150



210.7050, 11.9170, 20.8210



203.5380, 9.4480, -17.0480

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.7050, 11.9170, 20.8210



207.7580, 38.7880, 1.8920



200.2240, -13.1550, -20.4110



199.3870, -49.5620, -4.8740

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.7050, 11.9170, 20.8210



209.8910, 37.4560, 15.0240



200.2240, -13.1550, -20.4110



196.5640, -46.1670, -16.8470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



210.7050, 11.9170, 20.8210



247.2550, 3.8960, 6.4880



198.9730, -12.5650, 12.9630



123.1900, 2.5210, 3.8730



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.7050, 11.9170, 20.8210



222.9600, 15.8130, 27.3090



208.4250, 18.3370, 14.6010



110.5430, 3.0250, 5.7530



73.7270, 52.6640, 91.8640



21.9600, 15.8130, 27.3090

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



210.7050, 11.9170, 20.8210



222.9600, 15.8130, 27.3090



220.5750, -18.3370, -14.6010



110.5430, 3.0250, 5.7530



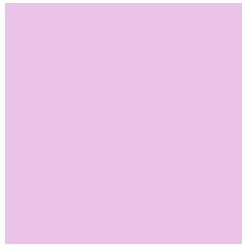
73.7270, 52.6640, 91.8640



21.9600, 15.8130, 27.3090

Previews

White Background



This preview shows how the YIQ color 210.7050, 11.9170, 20.8210 looks on a white background.

Color Contrast Check

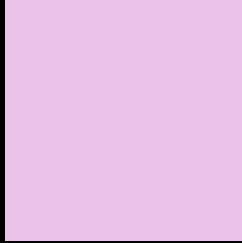
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 210.7050, 11.9170, 20.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.7050, 11.9170, 20.8210

Background



This preview shows how black text looks on a background with the YIQ color 210.7050, 11.9170, 20.8210.

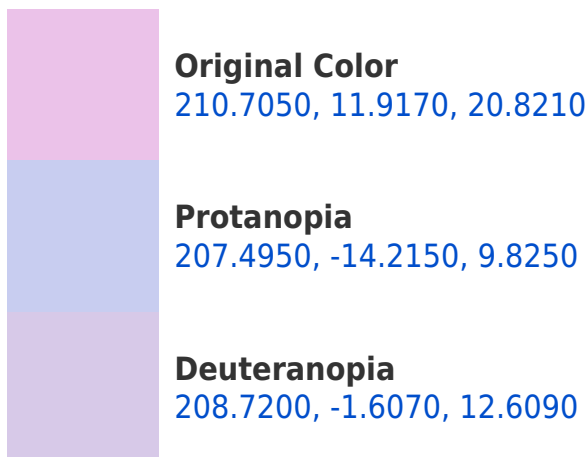


This preview shows how white text looks on a background with the YIQ color 210.7050, 11.9170,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

209.2890, 15.7240, 12.3960

Trichromacy



Original Color

210.7050, 11.9170, 20.8210

Protanomaly

208.6920, -4.4040, 13.7400

Deuteranomaly

209.0520, 3.3900, 15.6620

Tritanomaly

209.7990, 14.3480, 15.3080

Monochromacy



Original Color

210.7050, 11.9170, 20.8210

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7050, 11.9170, 20.8210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 194, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 194, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 233) }
```

Border

The CSS property to change the border of an element to YIQ 210.7050, 11.9170, 20.8210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 194, 233) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 194, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 194, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7050, 11.9170, 20.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
194, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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